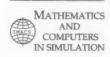


Mathematics and Computers in Simulation 46 (1998) 657-660



Author index of volume 46 (1998)

(The issue number is given in front of the page number)

Arrillaga, J., see Enright, W.	(3-4) 213-223
Babŭska, R., see Setnes, M.	(5-6) 507-516
Barrenscheen, J., see Flieller, D.	(3-4) 373-385
Barrera-Sánchez, P., see Tinoco-Ruiz, J.G.	(2) 87-102
Bernet, S., see Matsuo, T.	(3-4) 175-195
Biechel, H., A. Koch and A. Matt, Simulation of the transient operational	
behaviour of a novel electromechanical vibration exciter for rock drills	(3-4) 397-411
Binder, A., Electromagnetic interference of brake stray fields on resolvers in brushless	
d.c. servo drives	(3-4) 339-347
Bouscayrol, A., M. Pietrzak-David and B. de Fornel, Comparison of cartesian vector	
control and polar vector control for induction motor drives	(3-4) 325-337
Boutayeb, M., M. Darouach and P.M. Frank, Modelling and identification for highly	
nonlinear processes	(5-6) 551-557
Buyse, H., see Robyns, B.	(3-4) 265-274
Cagnol, J. and JP. Marmorat, Static equilibrium of hyperelastic thin shell:	
symbolic and numerical computation	(2) 103-115
Cambronne, J.P. and X. Pierre, Synthesis of different synchronous modulators for	
high power three-phase/single-phase PWM converters	(3-4) 413-423
Chéron, Y., see Richardeau, F.	(3-4) 275-287
Cheny, C. and JM. Kauffmann, Information losses in decoupling space harmonics	
effects for an induction drive	(3-4) 361-372
Claes, J.E., see Versyck, K.J.	(5-6) 621-629
Clenet, S., see Debruyne, H.	(3-4) 301-311
Colby, R.S., see Matsuo, T.	(3-4) 175-195
Coleman, R., On the construction of real canonical forms of Hamiltonian matrices	
whose spectrum is an imaginary pair	(2) 117-155
Cuno, B. and S. Theobald, The relationship between control requirements, process	
complexity and modelling effort in the design process of river control systems	(5-6) 611-619
Darouach, M., see Boutayeb, M.	(5-6) 551-557
Davat, B., see Khezzar, A.	(3-4) 349-359
de Fornel, B., see Bouscayrol, A.	(3-4) 325-337
Debruyne, H., S. Clenet and F. Piriou, Characterisation and modelling of hysteresis	
phenomenon	(3-4) 301-311
Develey, G., see Mimoune, S.M.	(3-4) 225-238
Engell, S., Modelling and analysis of hybrid systems	(5-6) 445-464

Enright, W., J. Arrillaga, N.R. Watson and J. Zavahir, Modelling multi-limb	
transformers with an electromagnetic transient program	(3-4) 213-223
Fedorova, A.N. and M.G. Zeitlin, Wavelets in optimization and approximations	(5-6) 527-534
Flieller, D., JP. Louis and J. Barrenscheen, General sampled data modeling of power	(0 0) 02, 00,
systems supplied by static converter with digital and analog controller	(3-4) 373-385
Fouladgar, J., see Mimoune, S.M.	(3-4) 225-238
Frank, P.M., see Boutayeb, M.	(5-6) 551-557
Garbrecht, C., see Krüger, L.	(3-4) 313-324
Göttsche, Th.H., K.J. Hunt and T.A. Johansen, Nonlinear dynamics modelling	
via operating regime decomposition	(5-6) 543-550
Guerin, P., M. Machmoum and R. Le Deouff, Stochastic study of line harmonic	
currents produced by rectifiers	(3-4) 387-396
Hahn, H., see Neumann, M.	(5-6) 559-574
Hellekalek, P., Good random number generators are (not so) easy to find	(5-6) 485-505
Höflinger, W., see Stöcklmayer, Ch.	(5-6) 601-609
Hunt, K.J., see Göttsche, Th.H.	(5-6) 543-550
Hur, Y. and S.A. Szygenda, Design error simulation based on error modeling	
and sampling techniques	(1) 35–46
Huy, P.Q., see Molnár, I.	(1) 23–33
Impe, J.F. Van, see Versyck, K.J.	(5-6) 621-629
Jávor, A. and G. Szűcs, Simulation and optimization of urban traffic using AI	(1) 13–21
Johansen, T.A., see Göttsche, Th.H.	(5-6) 543-550
Jufer, M., N. Macabrey and M. Perrottet, Modeling and test of contactless	
inductive energy transmission	(3-4) 197–211
Juričić D., see Žele, M.	(5–6) 577–585
Kauffmann JM., see Cheny, C.	(3-4) 361-372
Khezzar, A. and Davat, B., Active filtering of torque ripples in double	(2 4) 240 250
stator synchronous machines	(3-4) 349-359
Koch, A., see Biechel, H.	(3-4) 397-411
Krüger, L., D. Naunin and C. Garbrecht, Stochastic and neural models of an	(2 4) 212 224
induction motor	(3-4) 313-324
Kugi, A., see Schlacher, K. Labrique, F., see Robyns, B.	(5-6) 517-525
Le Doeuff, R., see Guerin, P.	(3–4) 265–274 (3–4) 387–396
Lim, K.W., see Zhong, L.	(3-4) 289-300
Lipo, T.A., see Matsuo, T.	(3-4) 175-195
Louis. JP., see Flieller, D.	(3-4) 373-385
Lunze, J., Qualitative modelling of dynamical systems – Motivation, methods,	(5 4) 515 505
and prospective applications	(5-6) 465-484
Macabrey, N., see Jufer, M.	(3-4) 197-211
Machmoum, M., see Guerin, P.	(3-4) 387-396
Marmorat, JP., see Cagnol, J.	(2) 103–115
Marroyo, L. see Richardeau, F.	(3-4) 275-287
Martínez, J., see Tricas, F.	(1) 47–55
Matsuo, T., S. Bernet, R.S. Colby and T.A. Lipo, Modeling and simulation	
of matrix converter/induction motor drive	(3-4) 175-195
Matt, A., see Biechel, H.	(3-4) 397-411

Micacchi, V., see Spitaleri, R.M.	(1) 1–12
Mikhailov, S.A. and P.C. Müller, Time-suboptimal control design of singularly	(5 () 502 (00
perturbed systems by reduced order feedback design	(5–6) 593–600
Mimoune, S.M., J. Fouladgar and G. Develey, 3D numerical study of the annular	(2 4) 225 220
induction plasma installation	(3-4) 225-238
Molnár, I. and P.Q. Huy, Multimedia using simulation models	(1) 23–33
Morse, M.J., see Rédey, A.L.	(1) 57–65
Müller, P.C., see Mikhailov, S.A.,	(5–6) 593–600
Naka, T., Simulation analysis of the effects of the junctional folds on spontaneous	15 () (21 (20
generation of the miniature endplate current at neuromuscular junction	(5-6) 631-639
Naunin, D., see Krüger, L.	(3-4) 313-324
Neumann, M. and H. Hahn, Computer simulation and dynamic analysis of a	/E () EEO EZA
mechanical press based on different engineer models	(5–6) 559–574
Perrottet, M., see Jufer, M.	(3-4) 197-211
Pierre, X., see Cambronne, J.P.	(3-4) 413-423
Pietrzak-David, M., see Bouscayrol, A.	(3-4) 325-337
Piriou, F., see Debruyne, H.	(3-4) 301-311
Platt, A., see Rédey, A.L.	(1) 57–65
Prasad, J.V.R., see Rivera, C.J.	(5–6) 585–592
Rahman, M.F., see Zhong, L.	(3-4) 289-300
Rédey, Á.L., M.J. Morse and A. Platt, Routing in broadband communication	
networks using neural computations	(1) 57–65
Richard, N., Calculation of electromagnetic forces on large generator end-windings	
under fault conditions using a three-dimensional finite element method	(3-4) 257-263
Richardeau, F., Y. Chéron and L. Marroyo, Study and simulation of a	
cycloconverter-active filter device with a unity power factor	(3-4) 275–287
Rivera, C.J. and J.V.R. Prasad, Identification of a nonlinear compressor model	(5-6) 585–592
Robyns, B., H. Buyse and F. Labrique, Fuzzy logic based field orientation	
in an indirect FOC strategy of an induction actuator	(3-4) 265–274
Rükgauer, A. and W. Schiehlen, Simulation of modular dynamic systems	(5-6) 535-542
Scheidl, R., see Schlacher, K.	(5-6) 517–525
Schiehlen, W., see Rükgauer, A.	(5-6) 537–544
Schlacher, K., A. Kugi and R. Scheidl, Tensor analysis based symbolic computation	
for mechatronic systems	(5-6) 517–525
Setnes, M., R. Babuska and H.B. Verbruggen, Complexity reduction in fuzzy modeling	(5-6) 507-516
Shi, L., see Yoshida, K.	(3-4) 239–255
Spitaleri, R.M. and V. Micacchi, A multiblock multigrid grid generation method	
for complex simulations	(1) 1–12
Stöcklmayer, Ch. and W. Höflinger, Simulation of the regeneration of dust filters	(5-6) 601-609
Szűcs, G., see Jávor, A.	(1) 13–21
Szygenda, S.A., see Hur, Y.	(1) 35–46
Takami, H., see Yoshida, K.	(3-4) 239-255
Theobald, S., see Cuno, B.	(5-6) 611-619
Tinoco-Ruiz, J.G. and P. Barrera-Sánchez, Smooth and convex grid generation	
over general plane regions	(2) 87–102
Tricas, F. and J. Martínez, Distributed control sysems simulation using high	
level Petri nets	(1) 47–55

Verbruggen, H.B., see Setnes, M.	(5-6) 507-516
Versyck, K.J., J.E. Claes and J.F. Van Impe, Optimal experimental design	
for practical identification of unstructured growth models	(5-6) 621-629
Watson, N.R., see Enright, W.	(3-4) 213-223
Yoshida, K., H. Takami and L. Shi, Decoupled-control of levitation and	
propulsion in underwater LM car ME02	(3-4) 239-255
Žele, M. and D. Juričić, Model validation in iterative identification and controller design	(5-6) 575-583
Zavahir, J.,, see Enright, W.	(3-4) 213-223
Zeitlin, M.G., see Fedorova, A.N.	(5-6) 527-534
Zhong, L., M.F. Rahman and K.W. Lim, Modelling and experimental	
studies of an instantaneous torque and field weakening control scheme for	
an interior permanent magnet synchronous motor drive	(3-4) 289-300
Zunančič, B., Modular hierarchical modelling with SIMCOS language	(1) 67–76

